Product Comparison - Fiber Optic Multiplexer Series

Large or SMB Enterprise / Campus / Government Market Segment

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Model Name		FMUX04A	FMUX101	FMUX1001	FMUX-800	FMUX-1600
Description		Fixed type 4E1+ 3×10/100TX FOM	Modular design E1/T1/V35/FE/FXO/FXS FOM	Modular design E1/T1/V35/GE/FXO/FXS FOM	Fixed type 8E1 +4×100/1000T FOM	Fixed type 16E1 +4×100/1000T FOM
chassis	19", 1U rack	Rear fixed 4E1 + 3×10/100TX	4-slot slide-in-module	4-slot slide-in-module	Rear fixed 8E1 +4×100/1000T	Rear fixed 16E1 +4×100/1000T
Fiber Trunk	Single Mode	15/30/50/80/120km	15/30/50/80/120km	15/30/50/80/120km	15/30/50/80/120km	15/30/50/80/120km
	Multimode	2Km	2Km	2Km	2Km	2Km
	WDM	20/40/60/80km	20/40/60/80km	20/40/60/80km	20/40/60/80km	20/40/60/80km
	Wave Length (nm)	1310/1550	1310/1550	1310/1550	1310/1550	1310/1550
	Connecter Type	SFP-LC	SFP-LC	SFP-LC	SFP-LC	SFP-LC
	Ports	2-port SFP slot	2-port SFP slot	2-port SFP slot	2-port SFP slot	2-port SFP
Interface module	Ethernet	3-port FE on board	4-port FE on board	4-port GE on board	4-port GE on board	4-port GE on board
	E1	4ch fixed BNC / RJ45	4ch card	4ch card	8ch fixed BNC or RJ45	16ch fixed BNC or RJ45
	T1	4ch fixed RJ45	4ch card	4ch card	8ch fixed RJ45	16ch fixed RJ45
	V35/X21/RS530		4ch card	4ch card		
	RS232 async		4ch card	4ch card		
	FXO		4ch card	4ch card		
	FXS		4ch card	4ch card		
Power	Power redundant	✓	✓	✓	✓	✓
	Power types AC, DC, AC+DC	AC (100~240V) DC (18 ~72V)	AC (100~240V) DC (18 ~36), (36 ~72V)	AC (100~240V) DC (18 ~36), (36 ~72V)	AC (100~240V) DC (18 ~36), (36 ~72V)	AC (100~240V) DC (18 ~36), (36 ~72V)
Front Panel	Controllable Menu LCD		✓	✓		
	Diagnostic LEDs	✓	✓	✓	✓	✓
Console RS-232		✓	✓	✓	✓	✓
RS-232 Clear channel		✓	✓	✓	✓	✓
Alarm Output port		✓	✓	✓	✓	✓
Order wire Phone Port			Option	Option	Option	Option
Features	1+1 Redundant fiber protection	✓	✓	✓	✓	✓
	Loop back test	✓	✓	✓	✓	✓
	Auto Laser Shutdown (ALS)	✓	✓	✓	✓	✓
	E1 Channel Capacity	4	4, 8, 12, 16	4, 8, 12, 16	8	16
	Ethernet MTU	1536	10K bytes	10K bytes	10k byte	10k byte
	SNMP, Telnet, Web management	option	option	option	option	option
	EMS GUI managmenet	✓	✓	✓	✓	✓
	TFTP f/w upgrade	✓	✓	✓	✓	✓
Dimension (D×W×H) mm		248×215×43	250×438×43	250×438×43	200×438×43	200×438×43

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